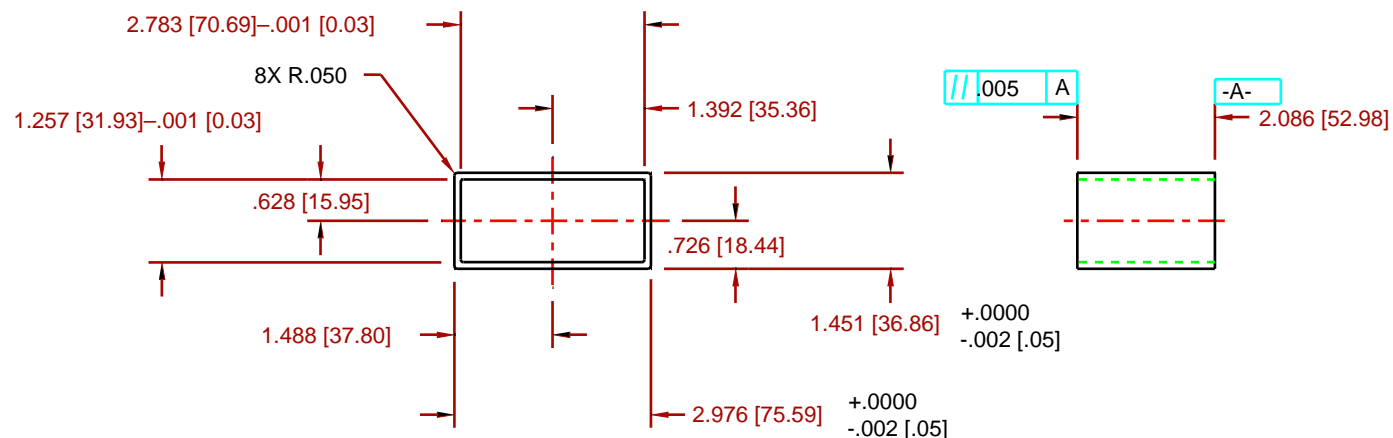


PLOT SCALE: .5=1

DWG. SCALE:2


A16960



NOTES:

1. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
 - A) CIMCOOL 5 STAR 49
 - B) TRIM SOL
2. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART MUST GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
3. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
4. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR .X ± .03 [.7620] ± .25 ° .XX ± .01 [0.25] .XXX ± .005 [0.127]		LOG NUMBER A16960  THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY		
SURFACE ROUGHNESS 125 ✓ REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		DRAWN BY MUSCIA CHECKED BY DESIGNER SHU/MUSCIA RESPONSIBLE ENGINEER MATERIAL 304 STAINLESS STEEL	DATE 3/11/94 PROJECT MGR. APPROVED/RELEASED SCALE HALF SHEET 1 of 1	TITLE ADVANCED PHOTON SOURCE M1 APS I.D. FRONT END 1-ST FIXED MASK RECTANGULAR EXTENSION TUBE DRAWING NUMBER P4102010101-210010-00
DO NOT SCALE DRAWING				